

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

IN THE MATTER OF COMPLIANCE BY ) ORDER No. DE 01AQIS-3285  
Kaiser Aluminum & Chemical Corporation )  
Mead Works )  
With Chapter 70.94 RCW and the Rules and )  
Regulations of the Department of Ecology )

To: Mr. Steven G. Anderson  
Kaiser Aluminum & Chemical Corp.  
Mead Works  
E. 2111 Hawthorne Road  
Mead, WA 99021

RCW 70.94.011, RCW 70.94.331(5), and RCW 70.94.141(3) provide the Department of Ecology the authority to issue orders to enforce the Washington Clean Air Act. WAC 175-475 sets statewide ambient air quality standards for carbon monoxide (CO), which are equivalent to federal health-based standards.

Spokane was already designated nonattainment for CO when the 1990 Amendments to the Clean Air Act were enacted on November 15, 1990. Spokane was classified "moderate" because the area had higher CO concentrations than the standards set by WAC 175-475. Because of violations of the CO standard in 1995, Spokane was reclassified to "serious" and required to submit a revised State Implementation Plan (SIP) that met additional nonattainment requirements to ensure that the area would meet the CO standard. The Department has updated the SIP for Spokane to meet these requirements. As part of this update, the Department requested that the Kaiser Aluminum & Chemical Corporation model CO concentrations from its Mead Works, which are located within the Spokane CO nonattainment area.

After evaluating the air quality modeling results, the Department finds that modeling predicts that the highest concentrations are near the CO standard. Therefore, the Department is requiring that Kaiser shall set an ambient air monitoring station at the location of the highest modeled CO concentration to verify continuing attainment of the CO standard.

For these reasons, and in accordance with RCW 70.94.141(3), IT IS ORDERED that the Kaiser Aluminum & Chemical Corporation, Mead Works take the following actions:

1. Within 30 days of the date of this order, install and maintain an ambient CO monitoring station at the top of the hill lying between Fairview Road to the northwest and Gerlach Road to the southeast or at a different location as approved by the Department. The monitor shall be operated and maintained as described in the Washington State Department of Ecology Air Monitoring Quality Assurance Plan and Procedures Manual #95-201.
2. CO monitoring shall be in operation for collecting data even though the smelter is not in operation.
3. Kaiser shall report CO monitoring data on the Air Monthly report. Kaiser shall report any CO excursions above the CO standards to the Department by E-mail within a week of occurrence.

Failure to comply with this Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce the terms of this Order.

This Order may be appealed. Your appeal must be filed with the Pollution Control Hearings Board, P.O. Box 40903, Olympia, Washington 98504-0903 within thirty (30) days of your receipt of this Order.

Your appeal must also be sent to the Department of Ecology c/o the Industrial Section, P.O. Box, Olympia, Washington 98504-7706. Your appeal alone will not stay the effectiveness of this Order. Stay requests must be submitted in accordance RCW 43.21B.320. These procedures are consistent with ch.43.21B RCW.

Dated this 24th day of October 2001 at Lacey, Washington.



Carol Kraege, P.E.  
Industrial Section Manager  
Solid Waste and Financial Assistance Program